Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031643.D
Acq On : 10 Aug 2021 16:10
Operator : CG/JU
Sample : M3169-10DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A9DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:24:56 PM

Quant Time: Aug 10 17:00:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:49:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	1441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5302	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	2933	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5536	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4692	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	4753	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	763	0.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	318	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	613	0.039	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	4046	0.256	ng/ul	98
7) 2-Methylnaphthalene	12.011	142	3139	0.291	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	1598	0.150	ng/ul	100
10) Acenaphthylene	13.932	152	1298	0.104	ng/ul#	89
12) Fluorene	15.270	166	248	0.020	ng/ul#	76
15) Phenanthrene	17.003	178	8687	0.494	ng/ul	99
16) Anthracene	17.093	178	1307	0.079	ng/ul#	86
19) Fluoranthene	19.028	202	10593	0.529	ng/ul	96
20) Pyrene	19.386	202	9789	0.482	ng/ul#	94
21) Benzo(a)anthracene	21.142	228	5649	0.298	ng/ul#	87
22) Chrysene	21.193	228	8229	0.420	ng/ul#	93
24) Benzo(b)fluoranthene	22.675	252	9798m	0.458	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	3357m	0.152	ng/ul	
26) Benzo(a)pyrene	23.220	252	6251	0.333	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.446	276	4594	0.189	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.454	278	1573	0.081	ng/ul#	18
29) Benzo(g,h,i)perylene	26.096	276	2253	0.109	ng/ul#	66

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031643.D
Acq On : 10 Aug 2021 16:10
Operator : CG/JU
Sample : M3169-10DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 10 17:00:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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Manual Integrations APPROVED
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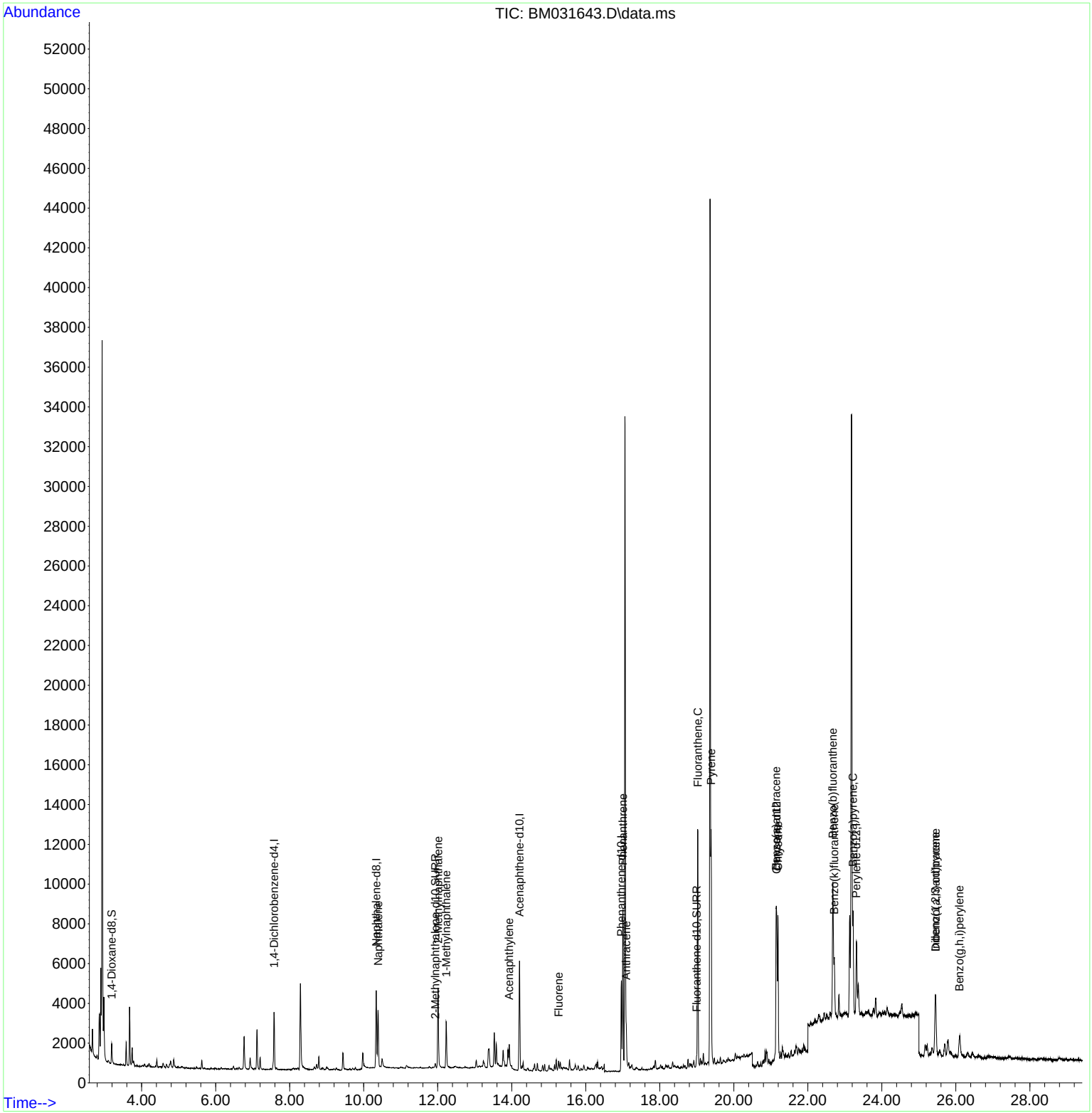
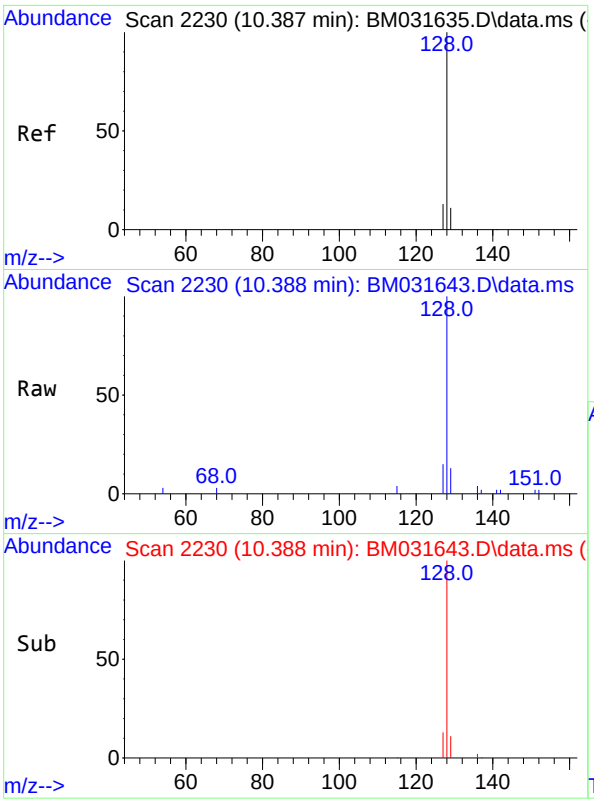
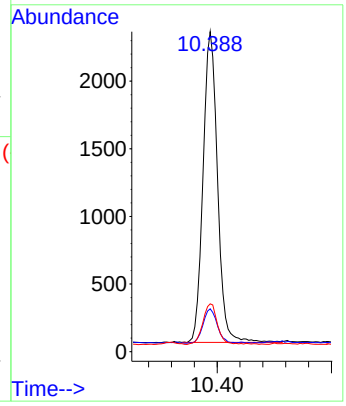




#5
Naphthalene
Concen: 0.256 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:128 Resp: 4046

Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.0	15.0
127	15.0	11.6	17.4



Instrument :
BNA_M
ClientSampleId :
C00A9DL

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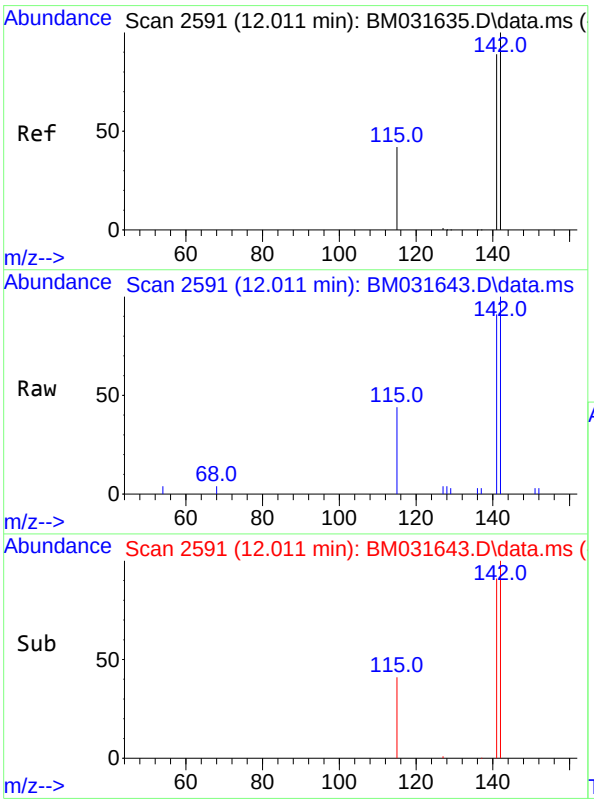
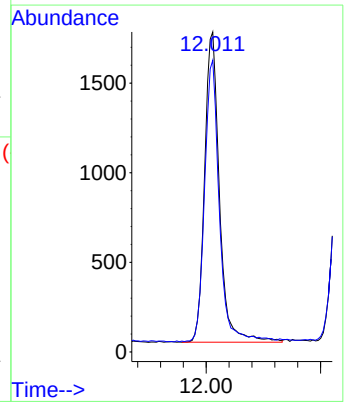
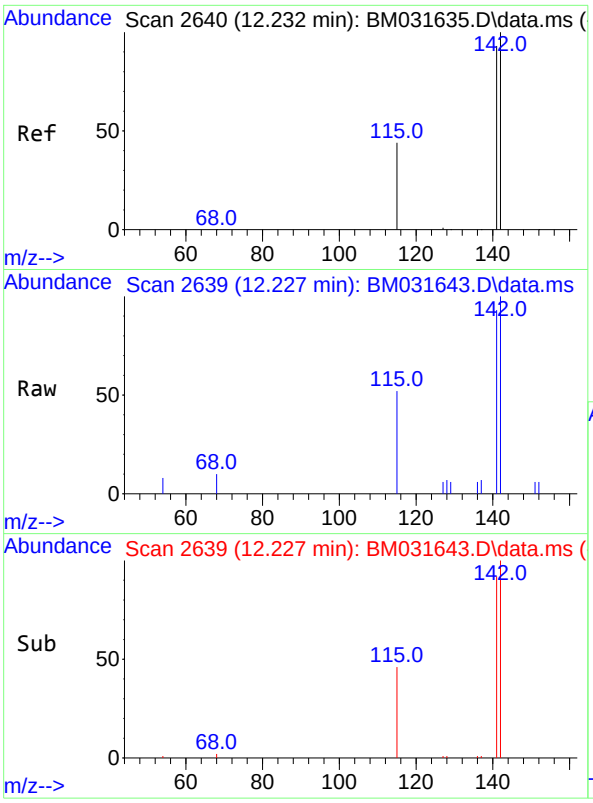


#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:142 Resp: 3139

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0

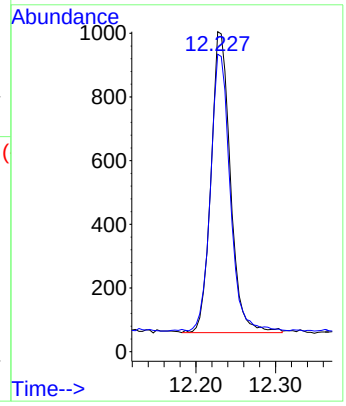




#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.004 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:142 Resp: 1598

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
C00A9DL

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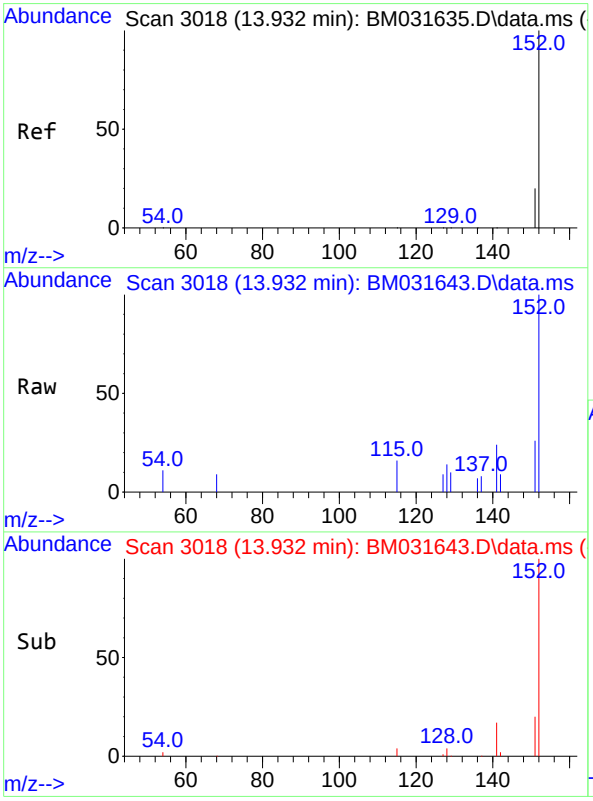
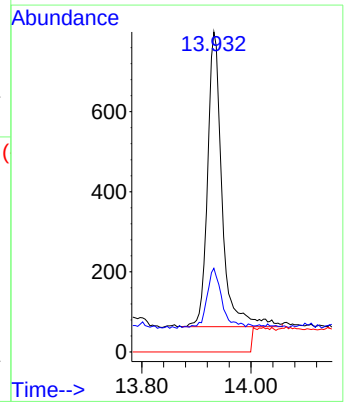
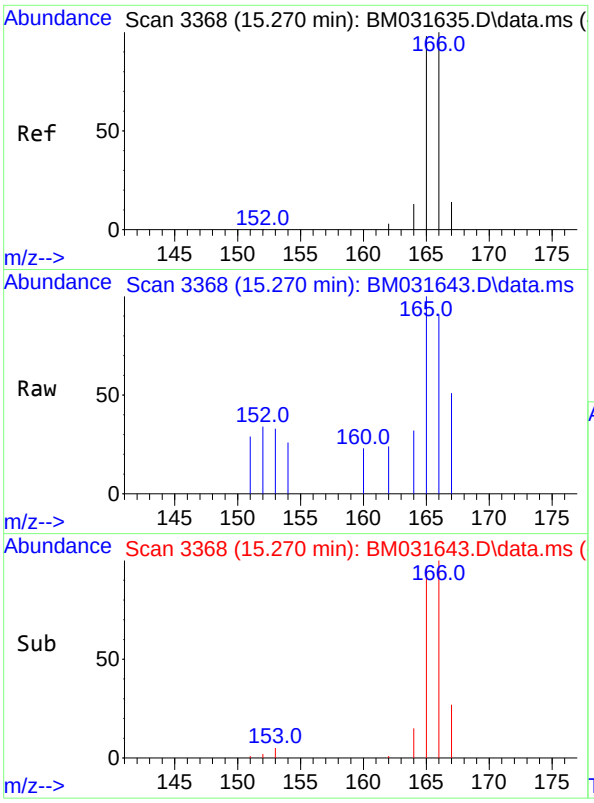


#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:152 Resp: 1298

Ion	Ratio	Lower	Upper
152	100		
151	26.2	16.9	25.3#
153	0.0	0.0	0.0

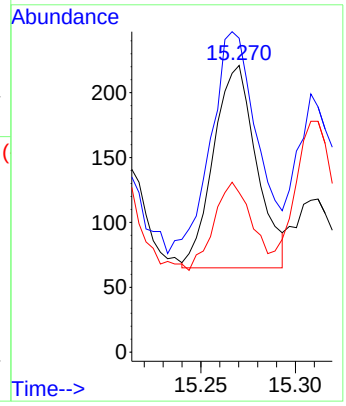




#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. 0.000 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:166 Resp: 248

Ion	Ratio	Lower	Upper
166	100		
165	109.5	78.0	117.0
167	55.7	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
C00A9DL

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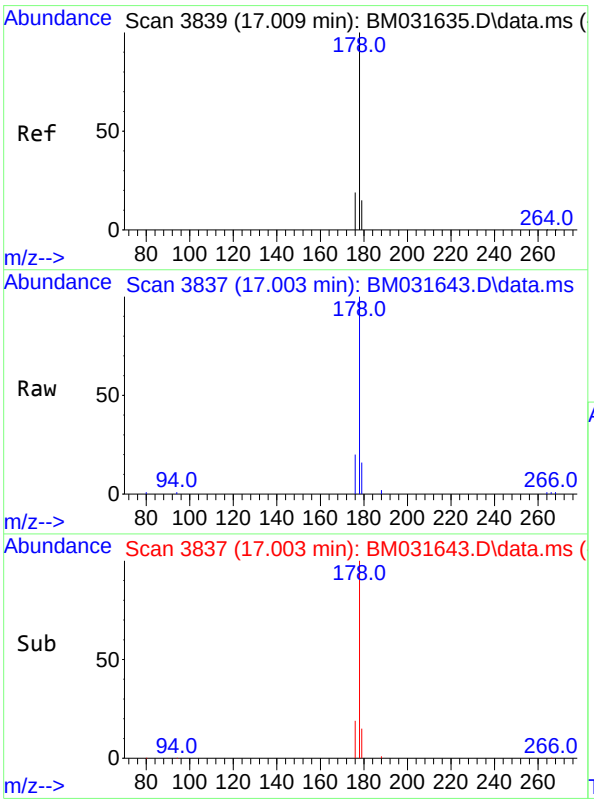
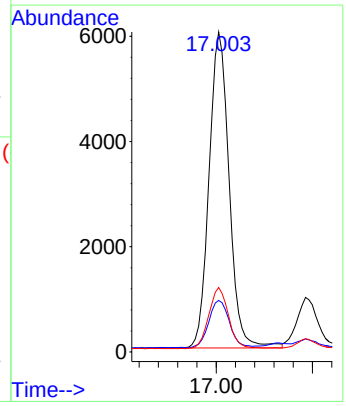
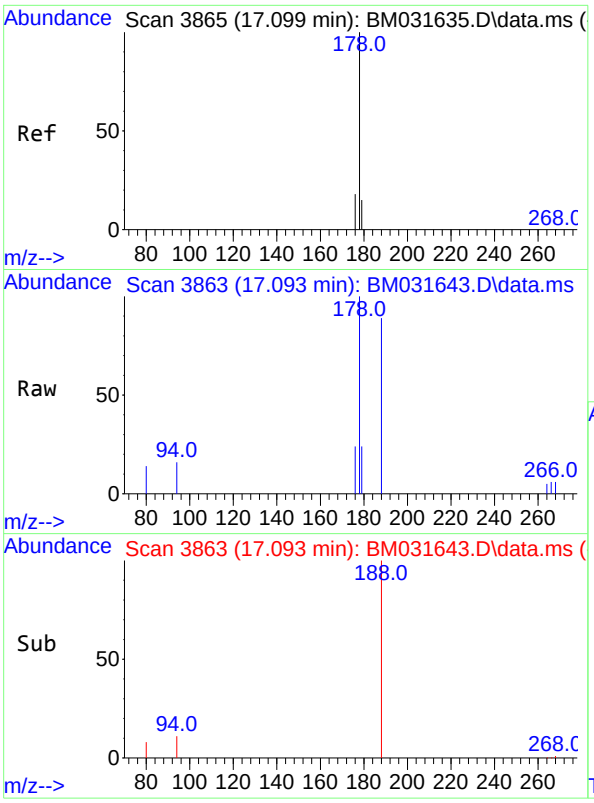


#15
Phenanthrene
Concen: 0.494 ng/ul
RT: 17.003 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:178 Resp: 8687

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.3	19.9
176	20.2	16.2	24.4

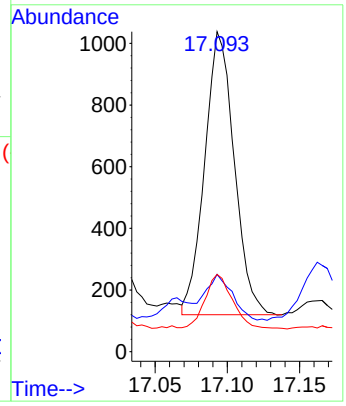




#16
Anthracene
Concen: 0.079 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:178 Resp: 1307

Ion	Ratio	Lower	Upper
178	100		
179	24.2	13.0	19.6#
176	24.2	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
C00A9DL

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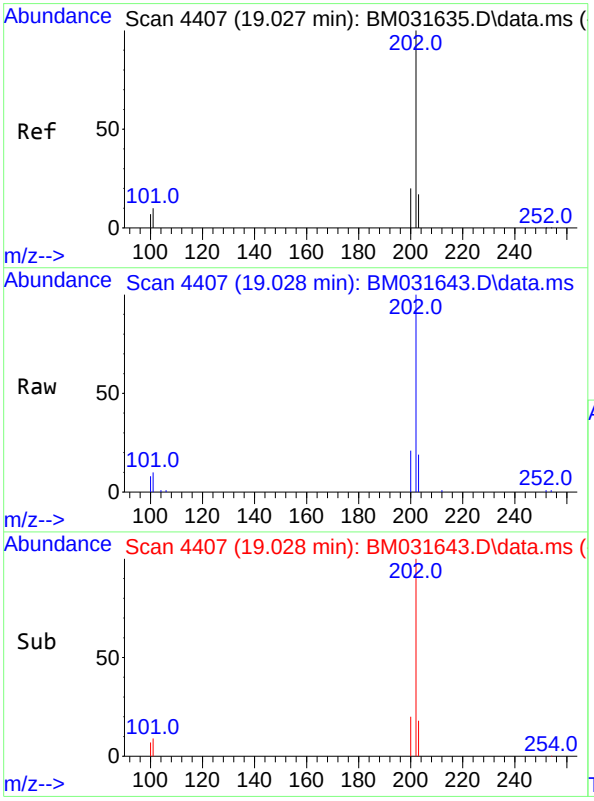
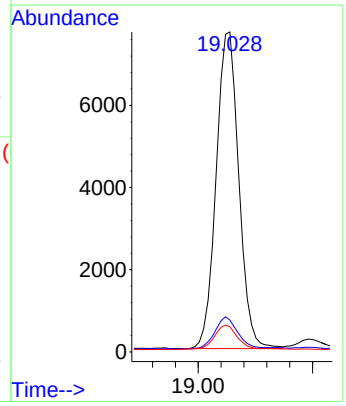
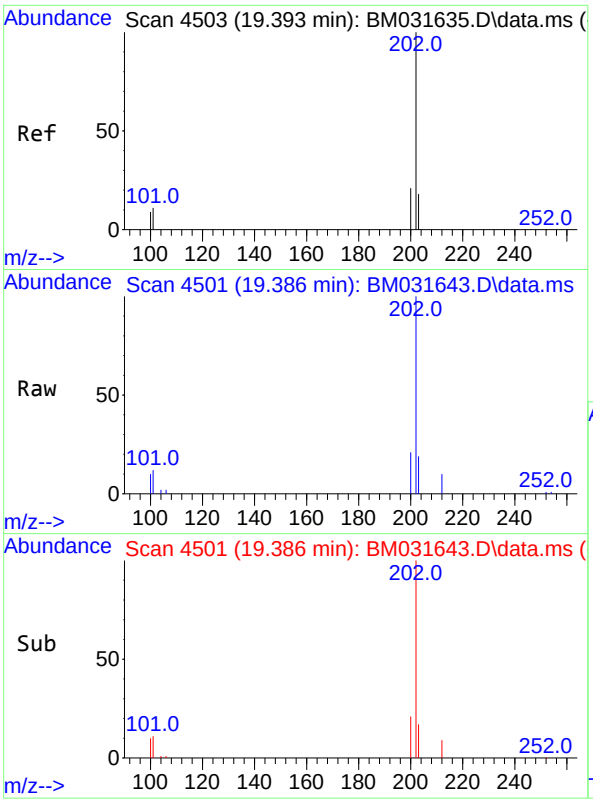


#19
Fluoranthene
Concen: 0.529 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. 0.000 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:202 Resp: 10593

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.6	10.0
100	7.8	5.4	8.0

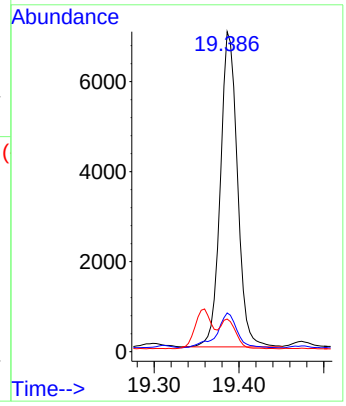




#20
Pyrene
Concen: 0.482 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.007 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:202 Resp: 9789

Ion	Ratio	Lower	Upper
202	100		
101	12.1	7.8	11.6#
100	10.2	6.6	10.0#



Instrument :
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ClientSampleId :
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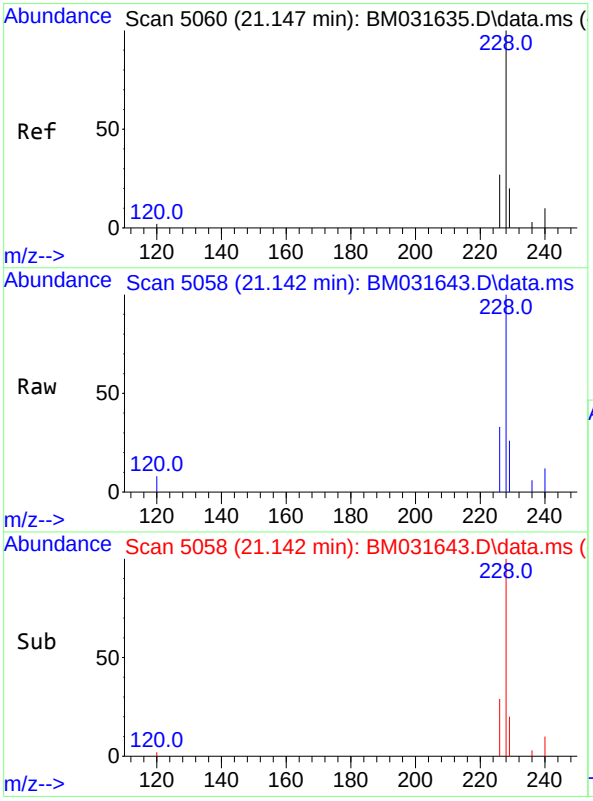
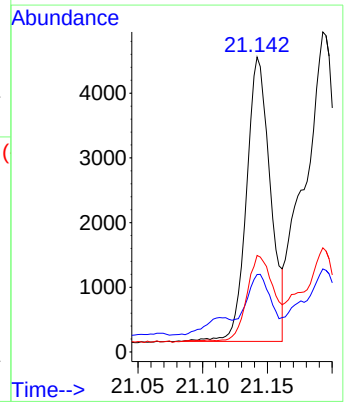
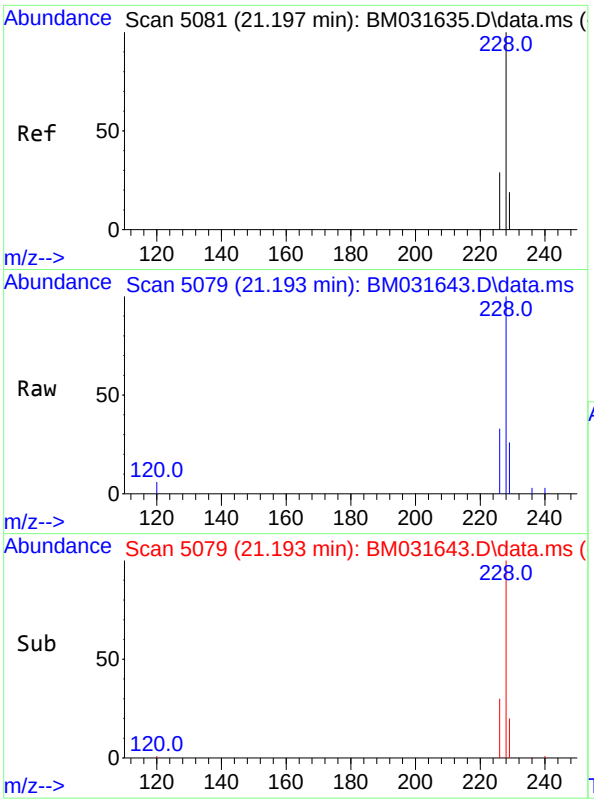


#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:228 Resp: 5649

Ion	Ratio	Lower	Upper
228	100		
229	26.3	15.6	23.4#
226	32.7	21.7	32.5#

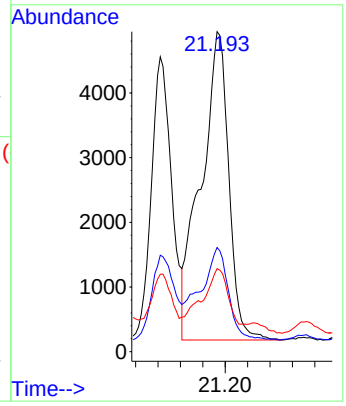




#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.005 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:228 Resp: 8229

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.7	37.1
229	26.0	16.2	24.2#



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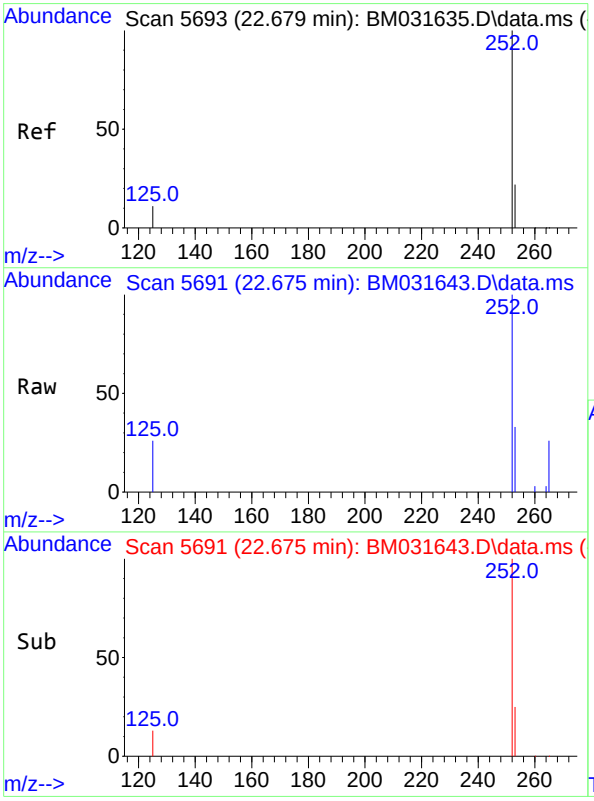
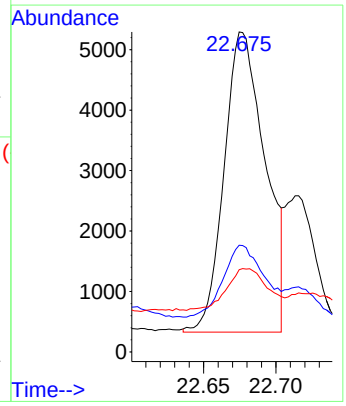
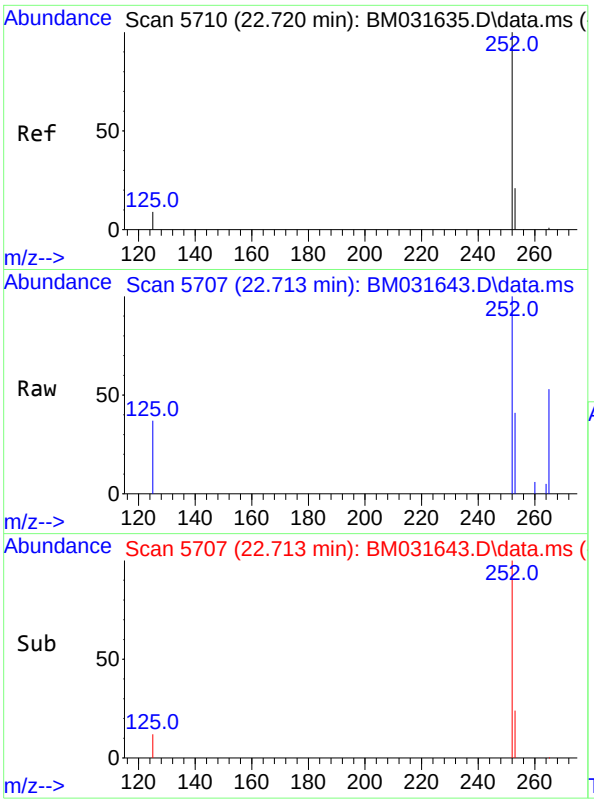


#24
Benzo(b)fluoranthene
Concen: 0.458 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. -0.005 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:252 Resp: 9798

Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	53.0
125	25.7	0.0	22.8#

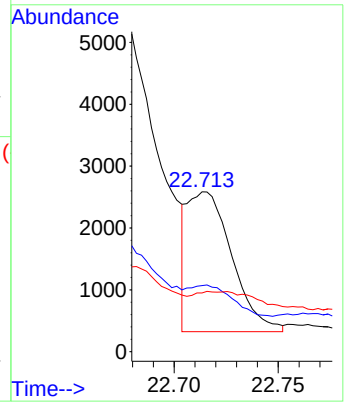




#25
Benzo(k)fluoranthene
Concen: 0.152 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:252 Resp: 3357

Ion	Ratio	Lower	Upper
252	100		
253	41.3	21.3	31.9#
125	36.8	8.8	13.2#



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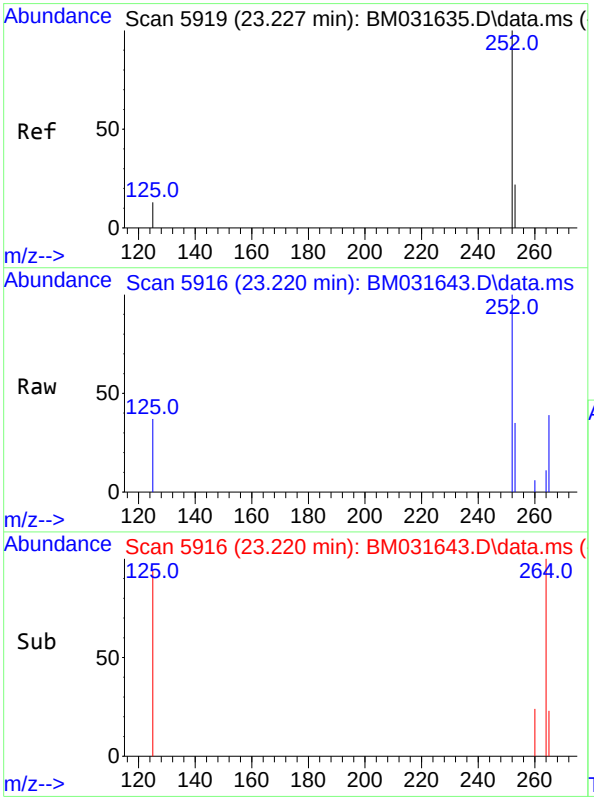
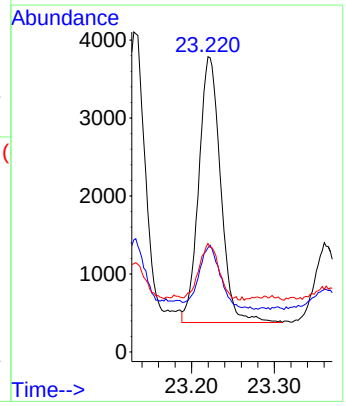
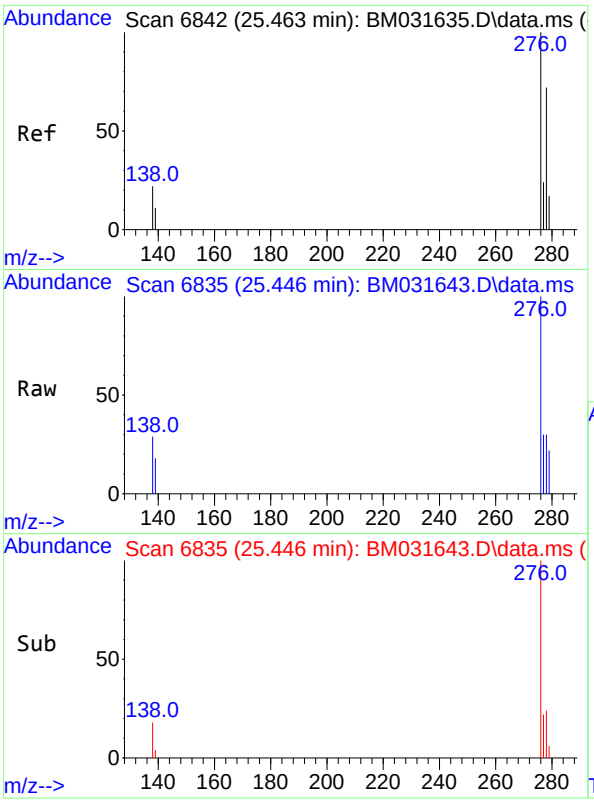


#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:252 Resp: 6251

Ion	Ratio	Lower	Upper
252	100		
253	35.3	22.4	33.6#
125	36.8	13.0	19.4#

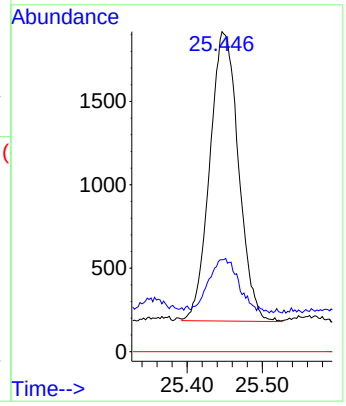




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:276 Resp: 4594

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C00A9DL

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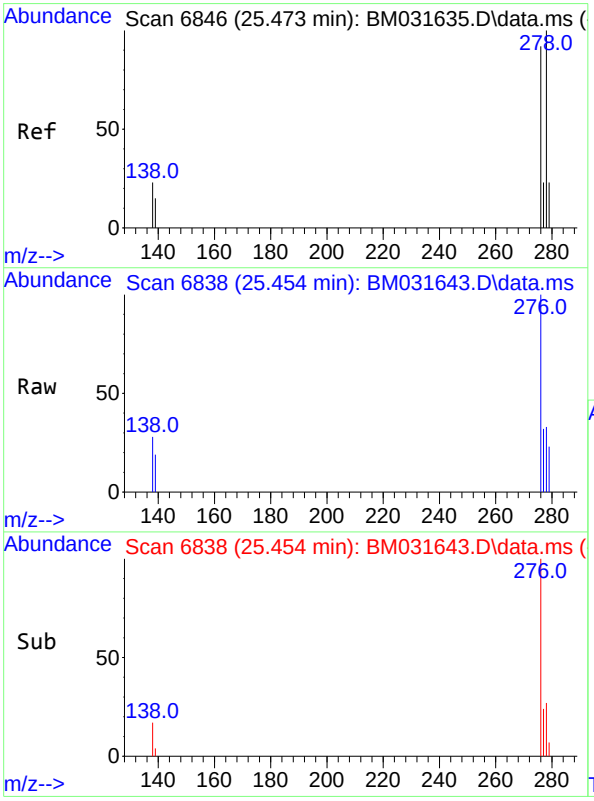
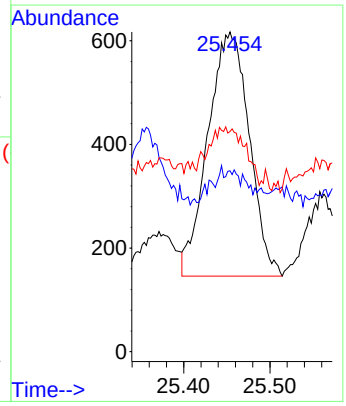
8/11/2021 9:24:56 PM

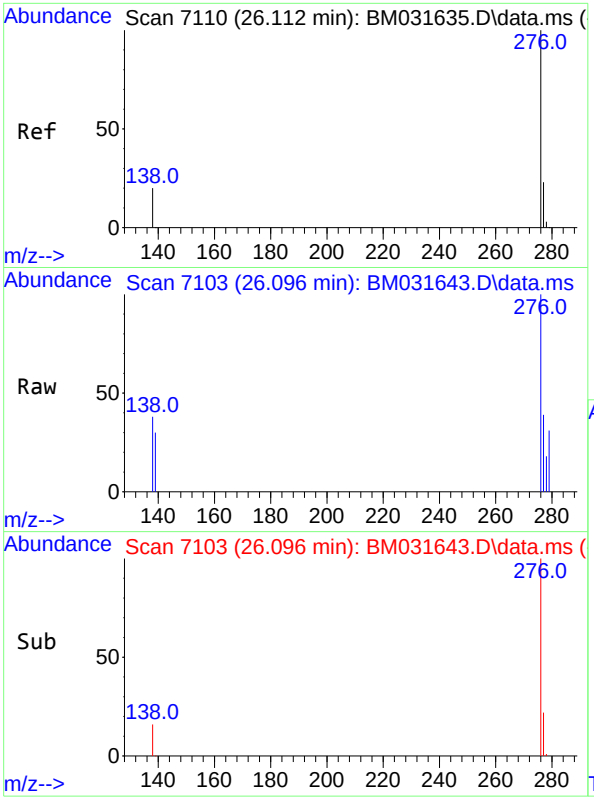


#28
Dibenzo(a,h)anthracene
Concen: 0.081 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. -0.019 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:278 Resp: 1573

Ion	Ratio	Lower	Upper
278	100		
139	56.6	13.3	19.9#
279	68.9	22.8	34.2#

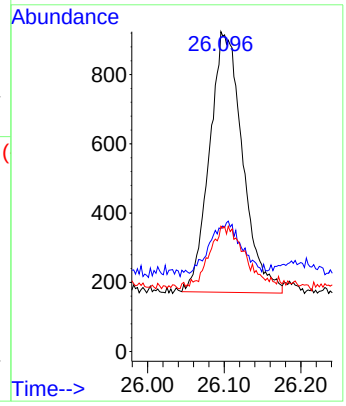




#29
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.017 min
Lab File: BM031643.D
Acq: 10 Aug 2021 16:10

Tgt Ion:276 Resp: 2253

Ion	Ratio	Lower	Upper
276	100		
138	38.4	15.4	23.2#
277	39.2	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
C00A9DL

Manual Integrations APPROVED
mohammad
8/11/2021 9:24:56 PM